

Learning the Ropes of Being a NEW District Testing Coordinator

Assessment, Evaluation and Research

LEAD Conference 2010

Introductions

Felicia Duncan

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Deb (Malone) Sauberer

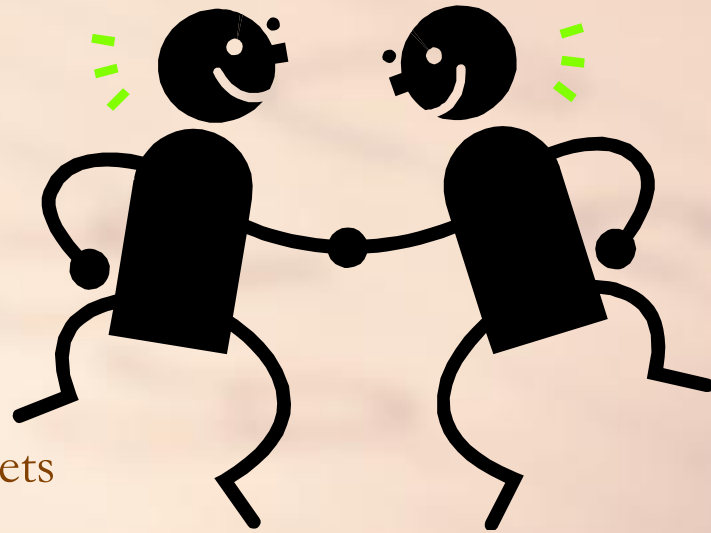
Associate Director Assessment Fiscal Services

deb.malone@state.tn.us

Welcome

Overview

- ❖ Describe duties of TC
- ❖ Provide resources for TC
- ❖ Share Veteran TC's Success Secrets



LEAD Session Resources

AER Computer Lab

Mon am – Wed am – RM 211-212

Mon 12:30 Breakout Session I

Learning the Ropes – RM 202

TCAP Achievement Updates – RM 205

Special Education Assessments – RM 204

Mon 3:15 Breakout Session II

Unlocking Secrets of Writing – RM 201

TCAP Achievement Q&A – RM 204

Summary of Cut Score Process – RM 205

Tues 8:00 Breakout Session III

TVASS 101 – RM 204

Diagnostic Assessments – RM 205

Testing in Mobil World – RM 105

Tues 9:15 Breakout Session IV

New Teacher Effect Reports – RM 204

Assessments for ELL – RM 201

Overview of Online Testing – RM 205

Testing Coordinator Session

Tues. 4:15 – 5:15 – RM 204

Tues 1:30 Breakout Session V

EOC Updates – RM 204

EDVantage – RM 201

Tues 2:45 Breakout Session VI

EOC Q&A – RM 204

What is CRA? – RM 205

Intro to Scaling & Equating – RM 201

Wed First To the Top Base Camp

Session VII 8:00-9:00

Session VIII 9:15-10:15

Session IX 10:30-11:30

W1 – Standards & Assessment – RM 204

W2 – STEM – RM 205

W3 – Scopes of Work – RM 206

W4 – Achievement School District – RM 209

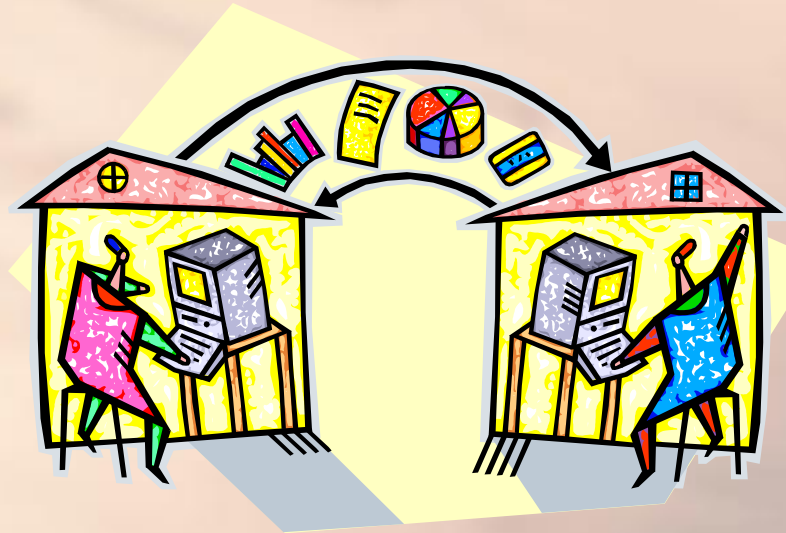
W5 – Great Teachers, Great Leaders – Renaissance Ballroom East

W6 – Data Systems – Renaissance Ballroom - Center

Duties of a Testing Coordinator

Serve as system contact for assessment communications between State & local schools.

- ❖ State testing listserv
- ❖ Ordering & receiving materials
- ❖ Accounting for & shipping materials



Duties of a Testing Coordinator

Attend State Regional Assessment Meetings

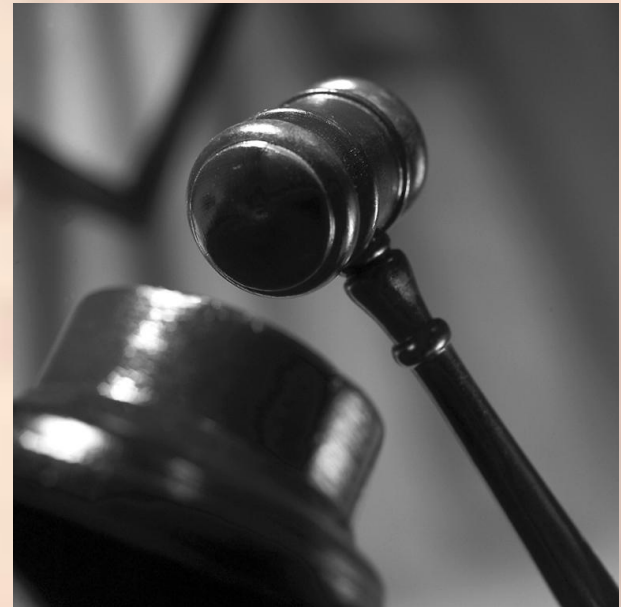
- ❖ **Fall** – October 22-27 – Times TBA
 - ❖ Friday October 22nd– Nashville, TPS Campus, Hardison
 - ❖ Monday October 25th–Cookeville, TN Tech Univ, Roaden Ctr.
 - ❖ Tuesday October 26th– Knoxville, Sarah Simpson Prof. Dev. Ctr. – Great Rm.
 - ❖ Wednesday October 29th– Jackson, Union Univ. Harvey Auditorium

Spring – March....



Duties of a Testing Coordinator

- ❖ Implement State Test Security Guidelines.
- ❖ Implement local test security policy which incorporates, AT A MINIMUM, the State Test Security Guidelines.
- ❖ Monitor compliance of local test security plan.



State of Tennessee

Test Security Law

Tennessee Code Annotated (T.C.A.) 49-1-607:

Any person found to have not followed security guidelines for administration of the TCAP test, or successor test, including making or distributing unauthorized copies of the test, altering a grade or answer sheet providing copies of answers or test questions, or otherwise compromising the integrity of the testing process shall be placed on immediate suspension, and such actions will be grounds for dismissal, including dismissal of tenured employees. Such actions shall be grounds for revocation of state license.

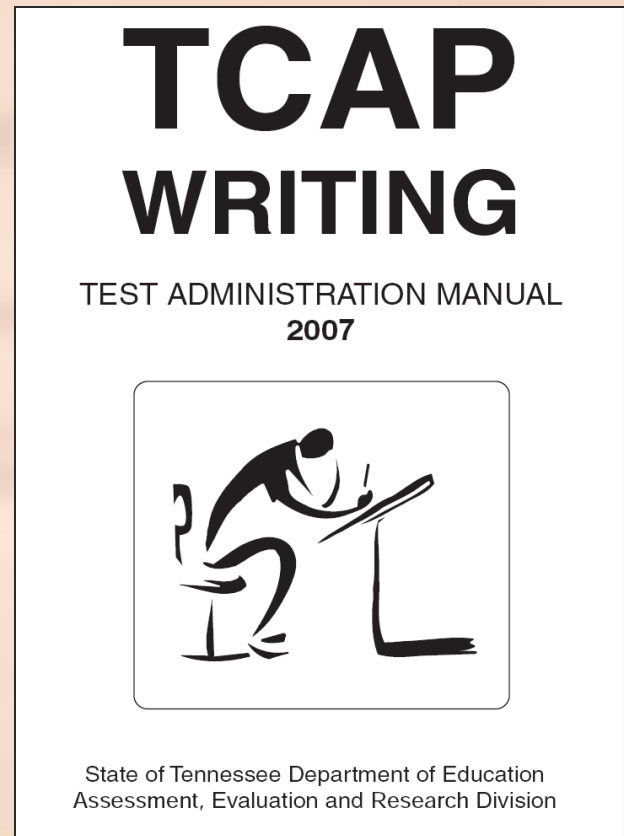
[Acts 1992, ch. 535, 4.]

Duties of a Testing Coordinator

Read **Test Administration Manual (TAM)**

- ❖ Familiar with content
- ❖ Aware of annual updates
- ❖ Use as reference tool
- ❖ Online TAM located

<http://www.state.tn.us/education/assessment>



Duties of a Testing Coordinator

- ❖ Disseminate information system wide
- ❖ Nominate educators to attend:
 - Content/Bias Item Review
 - Standard Setting Meeting
 - Writing Scoring Committee



Duties of a Testing Coordinator

Train Building Test Coordinators
on...

- ❖ State Test Security Law
- ❖ Security Guidelines
- ❖ Local Test Security Policy
- ❖ Test Administration Procedures



Duties of a Testing Coordinator

Develop a testing schedule

2010-2011	Fall	Spring	Summer
Achievement/MAAS		April 11-22	
EOC	Last 10 days of course	Last 10 days of course	Last 10 days of course
EOC/AYP	Dec. 7-10	May 3-6	July 12-15
Gateway – Online	Sept 27-Oct 8 December 6 - 17	Feb 28 – Mar 11 May 2 – 20	June 13-24 July 11-22
Writing	Pilot – Nov 8-10	February 1	
CRA	Pilot – Nov 8-10		
ELDA		Feb. 14 – Mar. 25	
ACT		March 9 Make-up Mar 29	
Explore/Plan	Sept. 20 – Nov. 12		

Duties of a Testing Coordinator

TEST DISTRIBUTION CENTER (791) SHIPPING ORDER NO: 0000 TEST: TCAP ACHIEVEMENT 2008

SHIPPED TO: PUBLIC or STATE SYSTEMS SYSTEM: 000 PUBLIC or STATE SYSTEMS TOTAL CARTONS SHIPPED: _____ BY: _____
 ADDRESS: CITY, STATE, ZIP SCHOOL: 000 SCHOOL TOTAL CARTONS RETURNED: _____
 RETURN CHECKED BY: _____ DATE: _____

DESCRIPTION	Q R D	LEVEL FORM	ORD. QTY.	DATE	FOR SCHOOL / DISTRICT ONLY										FOR WAREHOUSE USE ONLY				
					RECEIVING					VERIFICATION					RETURNS				
					AMT	BY	USED	UNUSED	ITM**	BY	USED	UNUSED	ITM	TOTAL	+ / -	COMMENTS			
64300 Student Book-CB																			
64340 Test Directions for Teachers CB-ee																			
64326 Student Book-CB-																			
64341 Test Directions for Teachers																			
64327 Student Book-CB																			
53492 Ruler (sheets of 4)																			
56342 Test Directions for Teachers																			
44350 Achievement Test																			
53493 Ruler (sheets of 4)																			
44652 Test Directions for Teachers																			
44351 Achievement Test																			
53494 Ruler (sheets of 6)																			
44439 Answer Sheets																			
44352 Achievement Test																			
53494 Ruler (sheets of 6)																			
44439 Answer Sheets																			

** ITM = Inoculum Test Materials

If quantities of test materials received are insufficient, please contact your Testing Coordinator immediately.

Please note that materials must be returned within one (1) week after test administration.

SPECIAL TEST INFORMATION: _____

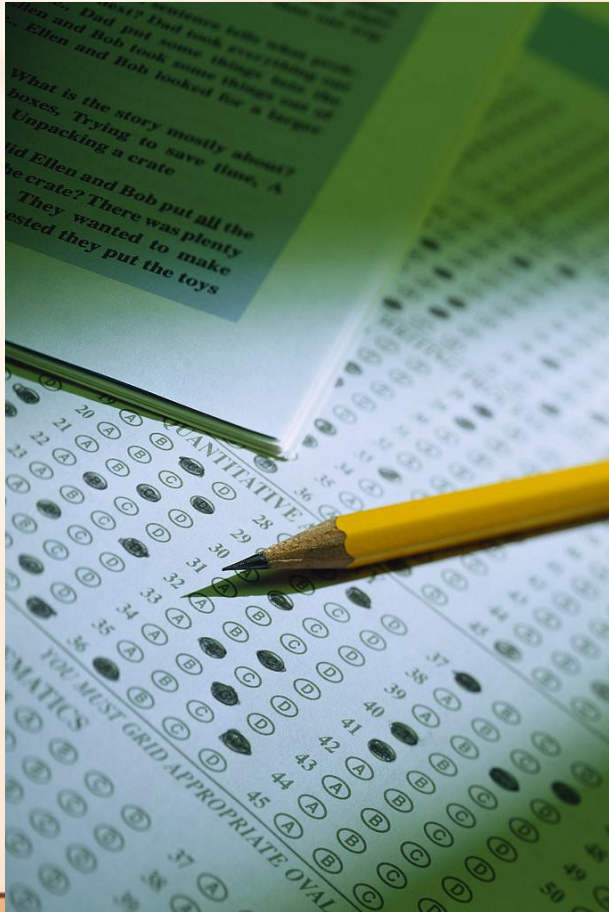
NOTES: _____

- ❖ Coordinate, verify, & order online assessment materials.

<https://tdoe.randasolutions.com/>

- ❖ Verify quantities of assessment materials received, distributed, collected, & returned.
- ❖ Complete Central Office Distribution Log & verify schools' **Shipping Order Forms**.

Duties of a Testing Coordinator



- ❖ Establish restricted, secure storage area for test materials.
- ❖ Implement procedures to ensure all students are assessed.
- ❖ Monitor schools to ensure testing schedule & local test security plan is followed.

Duties of a Testing Coordinator

Test Name: 2005 TCAP ACHIEVEMENT TEST		SGL Summary Report	
00171 ALAMO CITY			
School No. 0005			
School Name: ALAMO ELEM			
List #	Contact Person	Phone	E-Mail
34	John Doe	(615)222-1234	john.doe@state.tn.us
Grade: 3	Teacher Name	Stud. Testing	Stud. Absent
	Leathers, Jennifer	32	1
Comments:			
	Smith, Glen	22	0
Comments:			
Grade Total:			55
Grade: 4	Teacher Name	Stud. Testing	Stud. Absent
	Lineberger, Jan	26	2
Comments:			
	Taylor, Mary	24	2
Comments:			
Grade Total:			54
Grade: 5	Teacher Name	Stud. Testing	Stud. Absent
	Smith, Glen	18	2
Comments:			
Grade Total:			20
Grade: 6	Teacher Name	Stud. Testing	Stud. Absent
	Summers, Freddie	30	3
Comments:			
Grade Total:			33
School Total:			162
Grand Total:			162

Review, approve, & submit **School Group List** (SGL) information online.

<https://tdoe.randasolutions.com/>

- ❖ Review SGL online.
- ❖ Approve & submit online to AER for use in processing.

Duties of a Testing Coordinator

Review, approve, & submit **Report of Irregularity (RI)** information online.

<https://tdoe.randasolutions.com/>

- ❖ Review RI information for each school online.
- ❖ Approve and submit online to AER for use in processing.

TENNESSEE COMPREHENSIVE ASSESSMENT PROGRAM REPORT OF IRREGULARITY

RI Serial #

Test:

☐ Mathematics ☒ Language Arts ☐ Science

This form is to be used only if one the following irregularities occurred. For other significant circumstances, use a Report of Irregular Testing Conditions. Please mark all that apply below:

☒ A. A student or a group of students cheated.

☐ B. Test administrator/proctor provided inappropriate assistance to student(s). Also complete a Breach of Testing Security Report.

☐ C. A student left or was removed after beginning the test and was unable to complete the test or subtest. Specify reason and number of items completed in documentation below.

☐ D. For timed tests/subtests, time limits were not observed. This includes receiving unauthorized additional time or not enough time, working ahead, or going back to a previously completed subtest.

☐ E. A student completed a test using defective materials or the test became damaged or contaminated. This form should be used **ONLY** if the transfer of all information to another answer document could not be made.

☐ F. A student took the wrong test or subtest. **System Testing Coordinator must contact the State for further instructions.**

☐ F. Improper test modifications/accommodations were used.

☐ G. Other Reasons. Please specify:

☐ G. Other Reasons. Please specify:

System Name: School Name:

Grade: Test Date:

me (as on the Group Information Sheet):

me (as appears on test document):

#:

the occurrence

Duties of a Testing Coordinator

Ensure each school in system completes
Faculty Student Data information
in timely manner.

The screenshot displays the web interface for the Tennessee Department of Education's Faculty Student Data system. At the top, a navigation bar includes the department's logo, user information (Hello, Deb Malone), and links for 'Update My Profile' and 'Log Off'. Below this is a 'Site Admin Access' section with a search bar and a 'Go' button. The main navigation menu features tabs for 'COMMUNICATIONS', 'MATERIALS', 'PROCESSING', and 'REPORTING'. The 'PROCESSING' tab is currently selected, leading to a sub-menu with 'FACULTY / STUDENT > CLAIM STUDENTS'. This sub-menu contains four buttons: 'Claim Students', 'Exclude Students', 'Faculty Maintenance', and 'Reports'. The 'Claim Students' button is active, displaying a 'System Name:' dropdown menu. This menu lists various Tennessee counties and cities, including Alamo City, Alcoa City, Anderson County, Athens City, Bedford County, Bells City, Benton County, Bledsoe County, Blount County, Bradford SSD, Bradley County, Bristol City, Campbell County, Cannon County, Carter County, Cheatham County, Chester County, Claiborne County, Clay County, Cleveland City, Clinton City, Cooke County, Coffee County, Crockett County, Cumberland County, Davidson County, Dayton City, Decatur County, and Dekalb County. The bottom of the page features a footer with the department's address, phone number, and email.

HELLO, DEB MALONE [Update My Profile] [Log Off]
Site Admin Access
Change Site View To: Search All Go
COMMUNICATIONS MATERIALS PROCESSING REPORTING INDEX NEED HELP?
PROCESSING > FACULTY / STUDENT > CLAIM STUDENTS
Claim Students Exclude Students Faculty Maintenance Reports
System Name: -- Select a System --
-- Select a System --
00171 - ALAMO CITY
00051 - ALCOA CITY
00010 - ANDERSON COUNTY
00541 - ATHENS CITY
00020 - BEDFORD COUNTY
00172 - BELLS CITY
00030 - BENTON COUNTY
00040 - BLEDSOE COUNTY
00050 - BLOUNT COUNTY
00274 - BRADFORD SSD
00060 - BRADLEY COUNTY
00821 - BRISTOL CITY
00070 - CAMPBELL COUNTY
00080 - CANNON COUNTY
00100 - CARTER COUNTY
00110 - CHEATHAM COUNTY
00120 - CHESTER COUNTY
00130 - CLAIBORNE COUNTY
00140 - CLAY COUNTY
00061 - CLEVELAND CITY
00011 - CLINTON CITY
00150 - COOKE COUNTY
00160 - COFFEE COUNTY
00170 - CROCKETT COUNTY
00180 - CUMBERLAND COUNTY
00190 - DAVIDSON COUNTY
00721 - DAYTON CITY
00200 - DECATUR COUNTY
00210 - DEKALB COUNTY
TENNESSEE DEPARTMENT OF EDUCATION
4 PARKWAY, NASHVILLE TN 37243 : (615) 741-0720 : TDOESUPPORT@RANDASOLUTIONS.COM

Duties of a Testing Coordinator

- ❖ Assist Building TC with problems or emergencies.
- ❖ Lead investigation of local test security concerns.



Duties of a Testing Coordinator

- ❖ Verify appropriate use & accurate completion of all **Breach of Testing Security** forms.
- ❖ Follow **Flow Chart** in the Test Administration Manual (TAM).

	<p>Tennessee Department of Education Assessment, Evaluation and Research Division 1252 Foster Avenue Hardison Complex Nashville, TN 37243</p>
<h2 style="margin: 10px 0;">Breach of Testing Security Report</h2>	
<small>NOTE: This form is to be used only when reporting a testing security breach. A Report of Irregularity should be used to report student cheating.</small>	
<small>TCA 49-1-607. Noncompliance with security guidelines for TCAP or successor test. Any person found to have not followed security guidelines for administration of the TCAP test, or a successor test, including making or distributing unauthorized copies of the test, altering a grade or answer sheet, providing copies of answers or test questions, or otherwise compromising the integrity of the testing process shall be placed on immediate suspension, and such actions will be grounds for dismissal, including dismissal of tenured employees. Such actions shall be grounds for revocation of state license.</small>	
System _____ School _____	
Test Administrator _____ Grade _____ Test Date _____	
Report pertaining to (check one):	
<input type="checkbox"/> Achievement <input type="checkbox"/> Gateway <input type="checkbox"/> End-of-Course <input type="checkbox"/> Writing <input type="checkbox"/> Competency	
<u>Explanation of Testing Security Event:</u> <small>(Be sure to include a description of the event, results from the investigation, actions taken with personnel and recommendations for student test processing, if applicable. Attach additional pages of explanation and any necessary documents.)</small>	
<h2 style="margin: 20px 0;">Secure environments prevent breaches.</h2>	
Signature of Reporter _____ Date _____ Phone Number _____	
<small>Top copy to be sent to the State Bottom copy to be kept by reporter</small>	

ED 3036

Revised 9/05

Duties of a Testing Coordinator

- ❖ Collect & review **Adequate Yearly Progress Demographic Review** forms from each school & maintain for system records.
- ❖ Submit one system form in Breach Envelope to appropriate AER Program Manager by priority mail.

Adequate Yearly Progress Demographic Review

System: _____ System #: _____
School: _____ School #: _____
Date: _____

Assessment: Achievement ☐ Writing ☐ Gateway/ End of Course ☐
Test Administration: Fall ☐ Spring ☐ Summer ☐

School Level Completion
I/We have reviewed all student data on the Student Accountability Demographic Sheets from our school. To the best of our knowledge the data is accurate and complete. I/We acknowledge that this data will be utilized to fulfill reporting requirements for NCLB, TVAAS and the State report card.

(Circle one)
There **were** / **were not** RI/Breach incidents for our school

Building Testing Coordinator: _____ Date: _____
Signature

System Level Completion
I/We have verified with the Building Testing Coordinator that all student data on the Student Accountability Demographic Sheets is accurate and complete. I/We acknowledge that this data will be utilized to fulfill reporting requirements for NCLB, TVAAS and the State report card.


(Circle one)
RI/Breach incident forms **are** / **are not** enclosed for this school.

System Level Testing Coordinator: _____ Date: _____
Signature

Complete the form for each school administering a TCAP Assessment. The form needs to be signed by both the Building Testing Coordinator and the System Testing Coordinator.

Submit the form in the **Breach Envelope** to the appropriate Program Manager in the Office of Assessment, Evaluation and Research.

Duties of a Testing Coordinator

 TENNESSEE COMPREHENSIVE ASSESSMENT PROGRAM
INACTIVE TEST MATERIAL

System Name _____ No. _____ School Name _____ No. _____
Test _____ Grade/Content _____ Test Administrator _____

Complete one form for each incident type per grade/content area.
This form is to be used only if the listed incidents occurred.

Do NOT place the following under this form:

- Braille and large-print test materials (Return these test materials per shipping instructions and place the transcribed answer document under the appropriate Group Information Sheet [GIS].)
- Test booklets with only student names or random marks, except K-3 Achievement (Place them with used test materials.)
- Used writing prompts or directions (Place them with used test materials.)
- Test booklets or answer documents with manufacturing defects (System Testing Coordinator must contact the State for further instructions.)
- Writing folders with responses, separated at perforation (Place them together under the appropriate GIS, in order.)
- Unused, pre-coded Student Group Lists and GISs (Place them with used test materials.)

☐ A student marked responses in the test booklet (excluding K-3 Achievement). Demographic data and answers have been transcribed onto an answer document and placed under the appropriate GIS. Test booklet to be destroyed is under this form.

☐ A pre-coded answer document for a student no longer enrolled is under this form. A pre-coded answer document for a student absent from the Writing Assessment is under this form, and a completed Absentee Form for the absent student is under the appropriate Writing Assessment GIS. (Students absent from other assessments are noted on the answer document and placed under the appropriate GIS for that assessment.)

☐ A completed Absentee Form for a student who later took the make-up test is under this form (Writing Assessment Only). The document to be scored is under the appropriate GIS.

☐ There are duplicate answer documents for a student. The document to be destroyed is under this form. The document to be scored is under the appropriate GIS.

☐ A student took the wrong test. The incorrect test answer document is under this form. The correct test document to be scored is under the appropriate GIS. (If the correct test could not be administered, also complete a Report of Irregularity.)

☐ An answer document with student responses is contaminated (e.g., vomit, blood). The answers have been transcribed to another answer document and placed under the appropriate GIS. Contaminated documents must be securely destroyed by the System Testing Coordinator and listed below. If the answers **CANNOT** be transcribed to a new answer document, complete a Report of Irregularity and contact the System Testing Coordinator.

☐ An answer document with student responses is damaged. The answers have been transcribed to another answer document and placed under the appropriate GIS. Damaged documents to be destroyed are under this form. If the answers **CANNOT** be transcribed to a new answer document, complete a Report of Irregularity and contact the System Testing Coordinator.

☐ A student filled in circles on an answer document in ink. Information has been transcribed onto a new answer document and placed under the appropriate GIS. The document to be destroyed is under this form.

Number of Documents paper banded under this form: _____
Student Name(s) and Social Security Number(s): _____

TEST ADMINISTRATOR:	Place this completed form on top of the related test material, <u>paper band</u> and return to the Building Testing Coordinator.	_____
		Test Administrator's Signature
BUILDING TESTING COORDINATOR:	Return this form and materials to the System Testing Coordinator.	_____
		Building Testing Coordinator's Signature
SYSTEM TESTING COORDINATOR:	Make a copy of this form for system use. Return the form and materials per instructions in the <i>Test Administration Manual</i> .	_____
		System Testing Coordinator's Signature

		System Testing Coordinator's Phone Number

ED 3018
Revised 9/05

Verify appropriate use & accurate completion of all Inactive Test Material forms.

❖ Verify materials placed under ITM should not be scored.

❖ Sign ITM, photocopy, & return with materials to AER.

White Box

System:	02010	ANDERSON COUNTY	School Group List
Test Code:	ACH		
Test Name:	2010 7EAP ACHIEVEMENT TEST		
School Year:	2010		

Printed copy of Online SGL

[illegible][illegible]

Copy of Shipping Order

TAG with Answer Documents

BANKING INSTRUCTIONS

- Bank by the 2nd day only.
- Bank only on the day after the test.
- Bank only on the day after the test.
- Bank only on the day after the test.

TCAP Achievement Group Information Sheet

STUDENT INFORMATION

TEST RESULTS

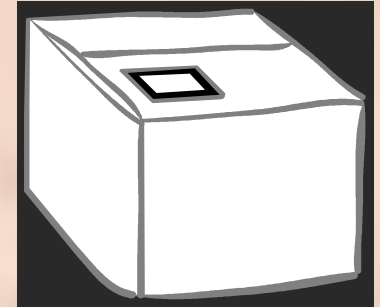
TEST RESULTS SUMMARY

PAPER BAND

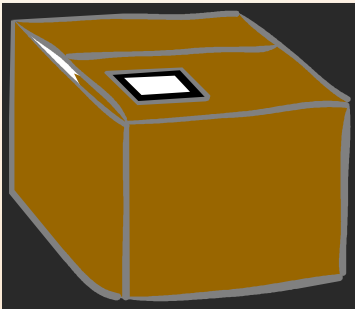
Paper Band

Duties of a Testing Coordinator

Answer Documents should be returned in white boxes within 3 business days after testing is completed.



White Box

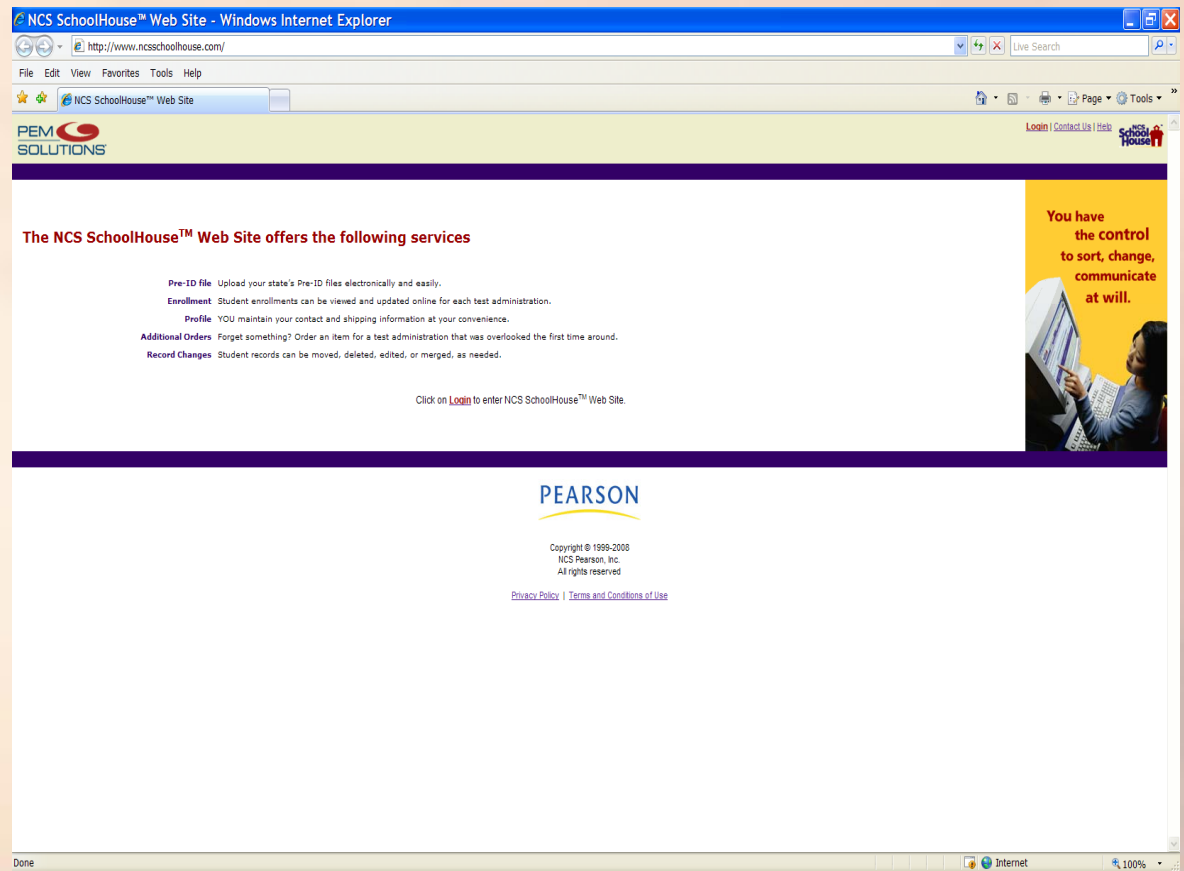


Brown Box

All other testing materials should be returned in brown boxes within 5 business days after testing is completed.

Duties of a Testing Coordinator

Ensure each school in system completes
**Student Demographic Data
Verification (SDDV)**
information in timely manner.



Duties of a Testing Coordinator

Distribute test results promptly to appropriate school personnel.

Achievement

Available on Online on Pearson

Access

Individual Profile Report

Class Report

**Achievement Level Summary
Report**

School and System

**Reporting Category Performance
Report**

School and System

Disaggregation Summary Report

School and System

Gateway and End of Course

Available on Online on Pearson

Access

Individual Profile Report

Class Report

**Achievement Level Summary
Report**

School and System

Performance Summary Report

School/Teacher

System/School

Disaggregation Summary Reports

School and System

Student Label

**Individual
Profile Report**

What makes life of STC easier?

Double-checks

Asks questions

Communicates

Good Building Test Coordinators

Stress importance of having principal assign someone to this position who is organized, structured, prepared, & can follow instructions.

Trains test administrators

Task oriented

***Follows
Test Security
Measures***

***Trains
proctors***

On-line Resource

Strategies for Improving the Process of Educational Assessment

Author: M. Kevin Matter

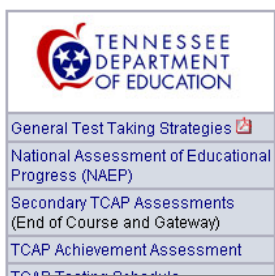
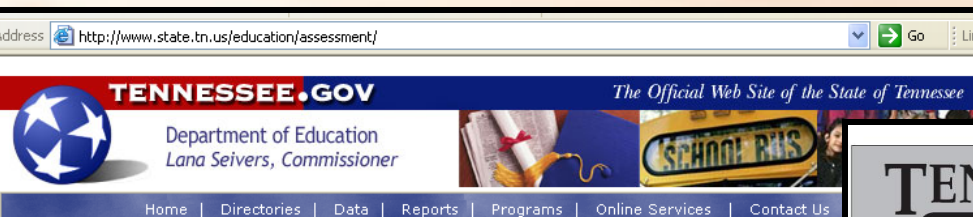
Journal Article from *Practical Assessment, Research, & Evaluation*

<http://pareonline.net/getvn.asp?v=6&n=9>

- ❖ Communication
- ❖ Training of BTC
- ❖ Rewarding & Reinforcing Quality Work
- ❖ Continual Improvement in Processes

Web Site Resources

<http://www.state.tn.us/education/assessment/>

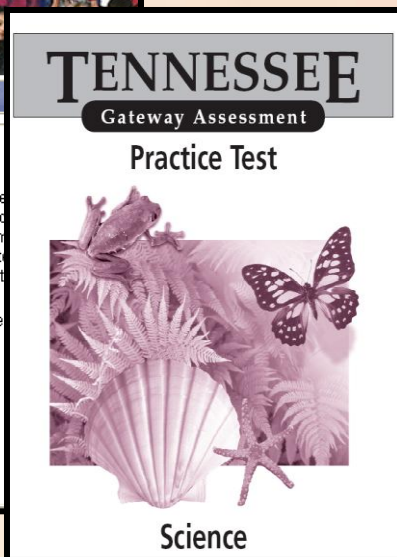


Assessment, Evaluation and Research Division

The function of the Evaluation and Assessment Division is to implement the Tennessee Comprehensive Assessment Program (TCAP) which includes state-mandated assessment programs. This office provides assistance to schools and systems with state tests, testing schedules and procedures, and the appropriate use of state test results for the improvement of classroom instruction and student achievement.

The TCAP currently includes the Achievement Test (grades 3-8), the Writing Test (grades 5-8), the Competency Test, the Gateway Tests and the End of Course Tests.

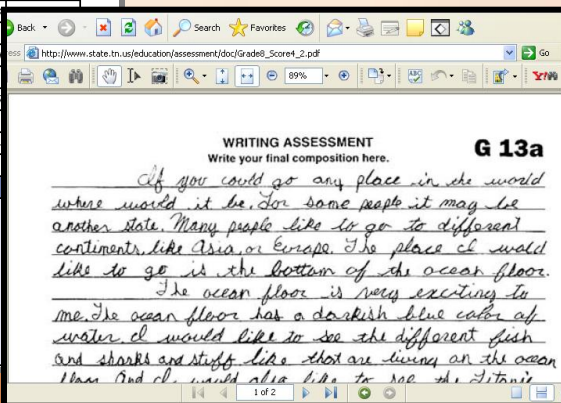
tned.assessment@state.tn.us
Harrison Complex - TPS Campus



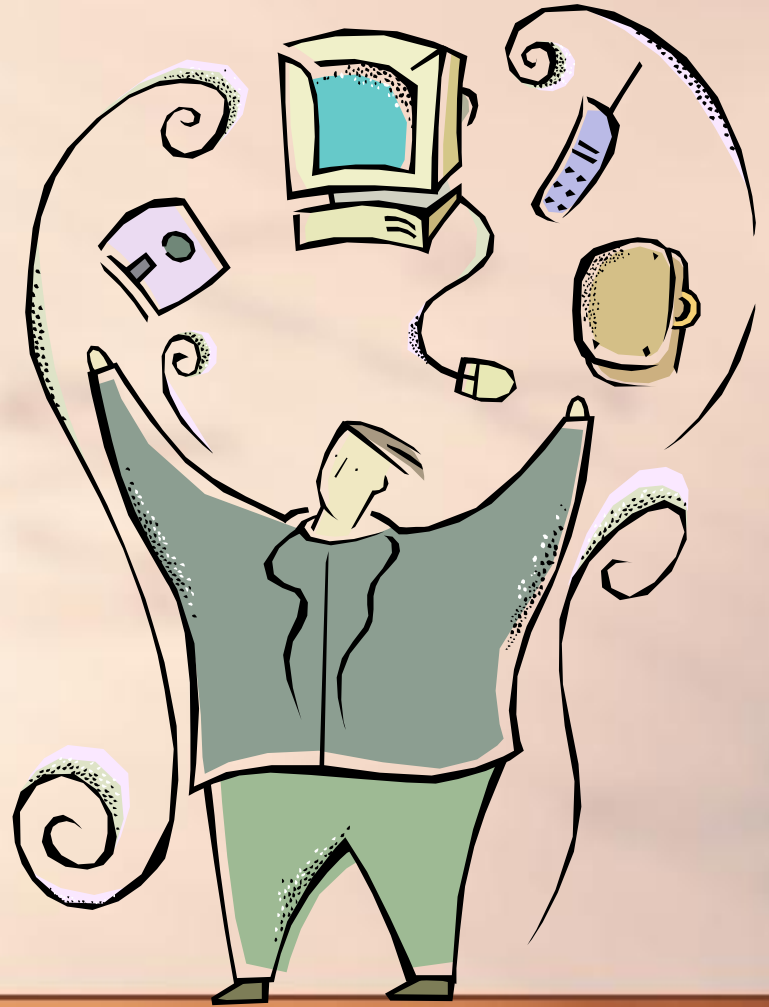
- ❖ TVAAS Site
- ❖ TAM
- ❖ Proficiency Levels
- ❖ Test Schedule & Time Chart
- ❖ Practice Tests
- ❖ Accommodations

**2004 TVAAS System Report for Alpha School District
TCAP CRT Math**

Estimated Mean NCE Gain							
Grade:	3	4	5	6	7	8	Mean NCE Gain over Grades Relative to
Growth Standard:	0.0	0.0	0.0	0.0	0.0	0.0	
State 3-Yr Avg:	1.2	0.0	-1.2	1.4	-0.3		Growth Standard
2002 Mean NCE Gain:	-0.9 R*	-1.1 R*	-1.1 R*	-3.1 R*	2.1 G		State
Std Error:	0.3	0.2	0.2	0.3	0.2		
2003 Mean NCE Gain:	2.5 G	3.6 G	0.1 G	-0.0 Y	-1.1 R*		
Std Error:	0.3	0.3	0.3	0.3	0.3		
2004 Mean NCE Gain:	-2.0 R*	-0.9 R*	-2.4 R*	-1.0 R*	-1.3 R*		
Std Error:	0.3	0.3	0.3	0.3	0.3		
3-Yr Avg NCE Gain:	-0.1 Y	0.5 G	-1.1 R*	-1.4 R*	-0.1 Y		
Std Error:	0.2	0.2	0.2	0.2	0.1		
Estimated System Mean NCE Scores							
Grade:	3	4	5	6	7	8	
State Base Year (1998):	50.0	50.0	50.0	50.0	50.0	50.0	
State 3-Yr Avg:	48.8	48.8	48.9	47.0	47.7	46.8	
2001 Mean:	40.6	41.5	41.6	41.4	38.0	37.5	
2002 Mean:	39.1	39.7	40.3	40.4	38.3	40.1	
2003 Mean:	39.7	41.6	43.2	40.4	40.4	37.1	
2004 Mean:	41.7	37.8	40.8	40.8	39.5	39.1	



?? Questions ??



Contact Information

Assessment, Evaluation, Research, and e-Learning

Phone: (615) 741-0720

E-mail: tned.assessment@tn.gov

Web: <http://www.state.tn.us/education/assessment/>



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promulgated at a cost of \$ 0.38 per copy.